

ABSTRACT OF THE DISCLOSURE

A multipurpose engineering construction machine of the loader/shovel type has a mobile chassis centrally mounting a driving and control station. The chassis supports a loader assembly at the front, and a shovel assembly at the rear. These assemblies are capable of being controlled independently of one another via a hydraulic circuit selectively feeding a number of directional control valves that can be actuated by a manipulator and that control hydraulic actuators operating components of each assembly. The direction control valves are grouped together as a single module mounted transversely on the chassis between the rear axle and a frame supporting the shovel assembly. Hydraulic fluid supply is provided via a variable-throughput pump supplying a priority valve associated with the module. Distribution of fluid to each directional control valve is performed with a compensation balance allowing the deliveries to be adjusted in stages.